

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) An actuator unit comprising at least two actuator elements which when electrically activated each experience a change in length, which are connected to a control device by means of an interactive connection, and an actuator housing which encloses the actuator elements and which is connected to the actuator elements by means of a positive and/or friction fit, wherein ~~a vectorial sum of the mass impulses of the when activated the~~ at least two actuator elements ~~is approximately zero at any given time generate approximately the same kinetic energy in opposite directions.~~

2. (Original) The actuator unit according to claim 1, wherein a first and a second actuator element are each disposed essentially opposite each other with intersecting longitudinal axes.

3. (Original) The actuator unit according to claim 1, wherein a vectorial sum of the longitudinal movements of the at least two actuator elements is approximately zero at any given time.

4. (Original) The actuator unit according to claim 1, wherein a first and a second actuator element are each disposed opposite each other with coincident longitudinal axes.

5. (Original) The actuator unit according to claim 1, wherein a first and a second end face of the first and second actuator element respectively are supported in the actuator housing, and a third and fourth end face of the actuator elements respectively act upon a transmission medium.

6. (Original) The actuator unit according to claim 5, wherein the transmission medium is part of a transmission device and acts upon the control device.

7. (Original) The actuator unit according to claim 5, wherein the transmission medium is part of a hydraulic transmission device and acts upon the control device.

8. (Original) The actuator unit according to claim 6, wherein the transmission medium is part of a hydraulic transmission device and acts upon the control device.

9. (Original) The actuator unit according to claim 5, wherein the direction of the axial movements of the first and second actuator elements is oriented essentially normal to the direction of movement of the control device.

10. (Original) The actuator unit according to claim 1, wherein the first and the second end face of the first and second actuator element respectively is supported in the actuator housing and the third end face of the first actuator element acts directly or indirectly upon the control device.

11. (Original) The actuator unit according to claim 10, wherein the directions of the axial movements of the first and second actuator element as well as the direction of movement of the control device are oriented in each case axially parallel to one another.

12. (Original) The actuator unit according to claim 1, wherein each of the actuator elements is a piezoelectric actuator element.

13. (Original) The actuator unit according to claim 1, wherein each of the actuator elements is a magnetostrictive actuator element.

14. (Original) The actuator unit according to claim 1, wherein the actuator unit is an actuator of a fuel injection valve.

15. (Original) The actuator unit according to claim 1, wherein the actuator elements of the actuator unit can be controlled separately from each other and individually.

16. (New) An actuator unit for a fuel injection valve of an internal combustion engine, said unit comprising:

at least first and second elements that extend in length when electrically activated and generate approximately the same kinetic energy in opposite directions.

17. (New) The unit according to Claim 16, further comprising a control device in electrical communication with the first and second elements.

18. (New) The unit according to Claim 16, wherein the elements are enclosed in a positive or friction fit housing.

19. (New) An actuator unit for a fuel injection valve of an internal combustion engine, said unit comprising:

at least two piezoelectric or magnetostrictive actuator elements that extend in length and dampen each other's noise radiation when electrically activated.

20. (New) The unit according to Claim 19, wherein external vibration energy resulting from activation of the at least two elements is less than the external vibration energy resulting from the activation of only one of the two elements.